Name:Bainh alaa elden abdelfattah aboraya

Lab3(shell script)

Lab3

1. Write a script called mycase, using the case utility to checks the type of character

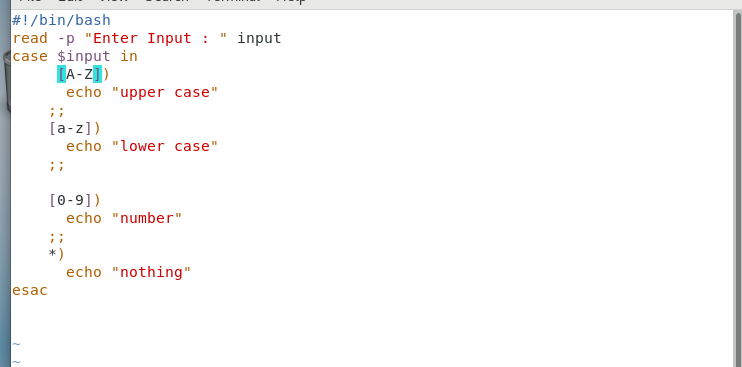
entered by a user:

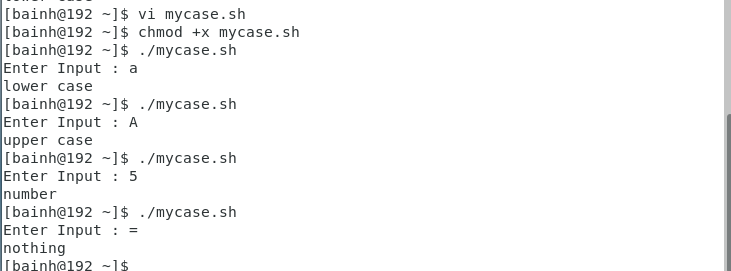
a. Upper Case.

b. Lower Case.

c. Number.

d. Nothing.





2. Enhanced the previous script, by checking the type of string entered by a user:

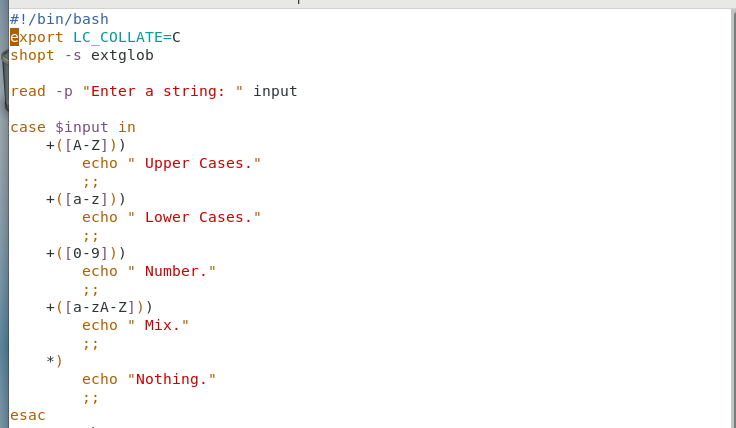
a. Upper Cases.

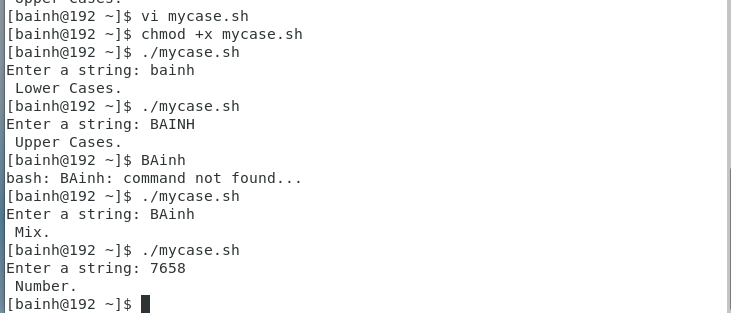
b. Lower Cases.

c. Numbers.

d. Mix.

e. Nothing.

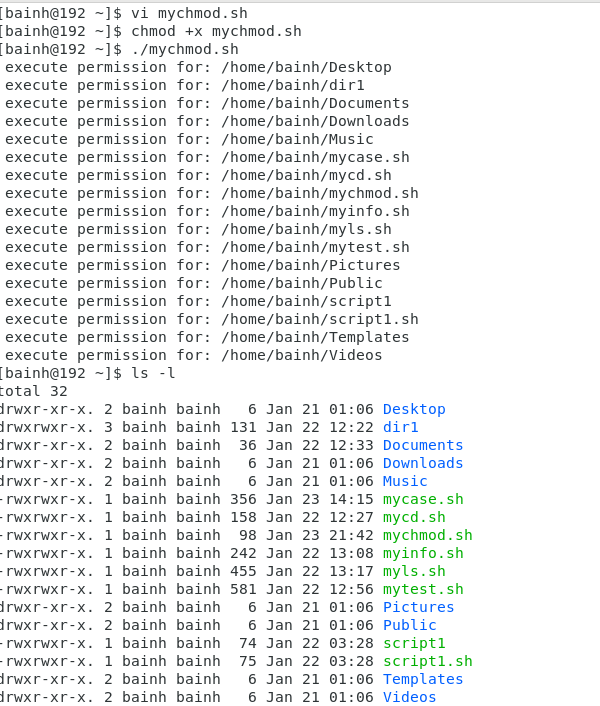




3. Write a script called mychmod using for utility to give execute permission to all files and

directories in your home directory.



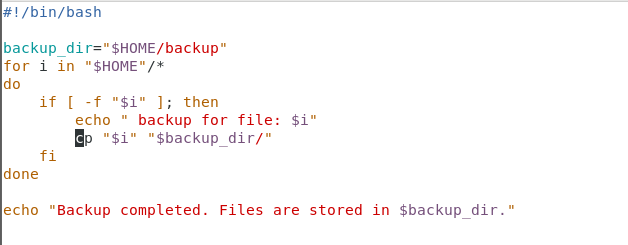


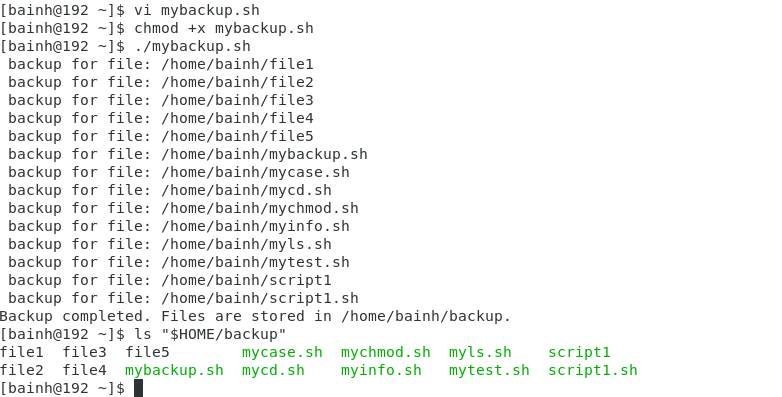
4. Write a script called mybackup using for utility to create a backup of only files in your

home directory.

Mkdir backup

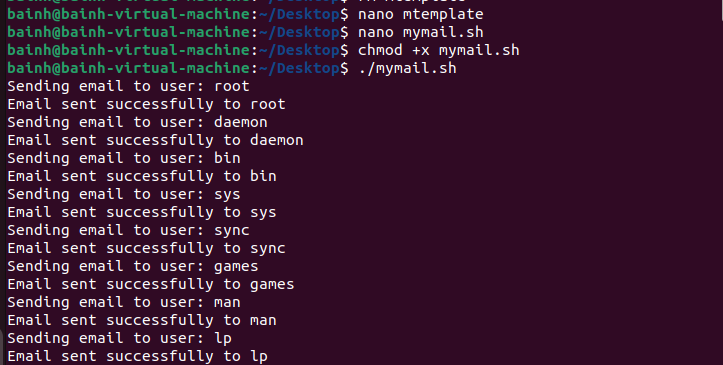
Mkdir backup\_dir

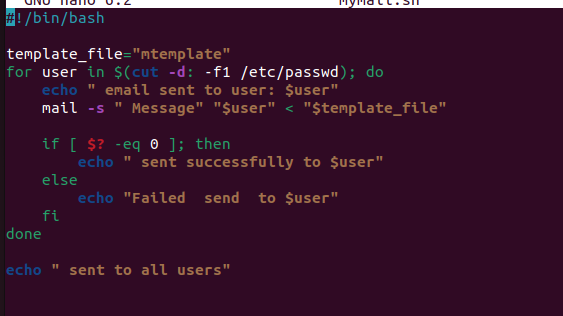


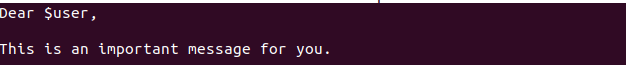


5. Write a script called mymail using for utility to send a mail to all users in the system.

Note: write the mail body in a file called mtemplate.

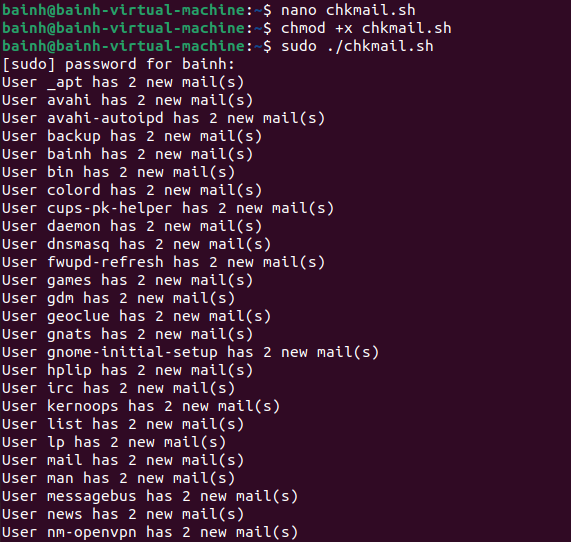


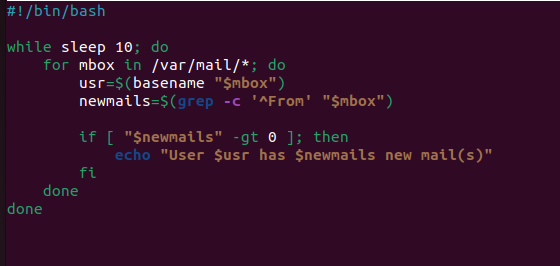




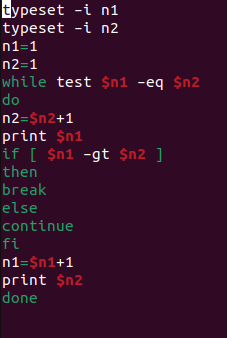
6. Write a script called chkmail to check for new mails every 10 seconds. Note: mails are

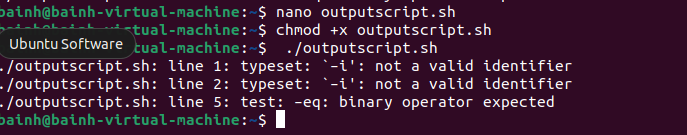
saved in /var/mail/username.





7. What is the output of the following script





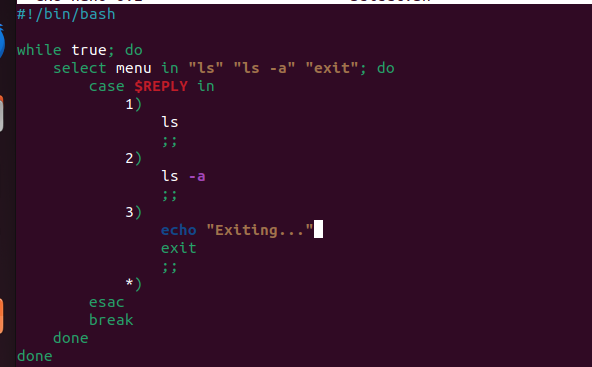
8. Create the following menu:

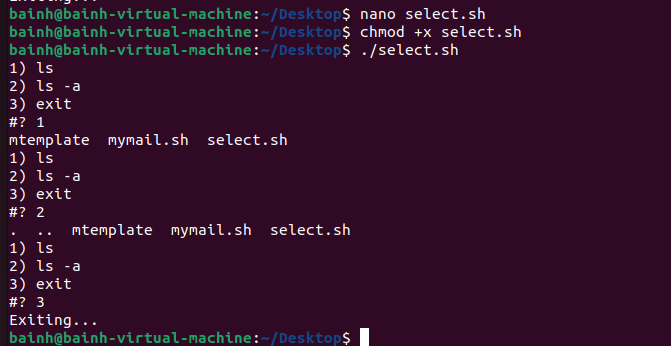
a. Press 1 to ls

b. Press 2 to ls –a

c. Press 3 to exit

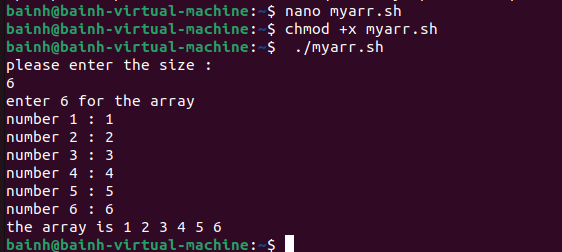
Using select utility then while utility.

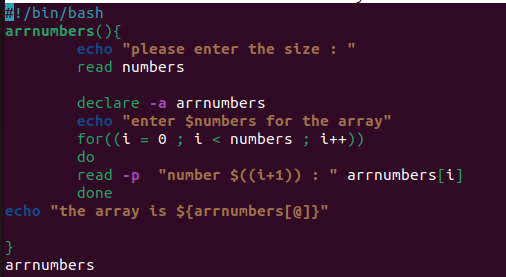




9. Write a script called myarr that ask a user how many elements he wants to enter in an

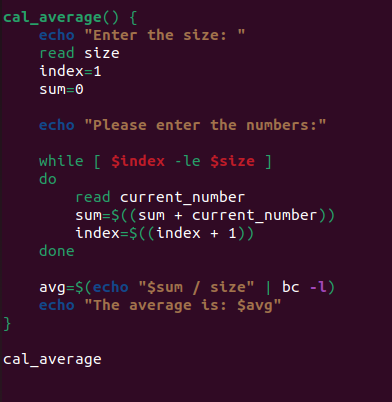
array, fill the array and then print it.

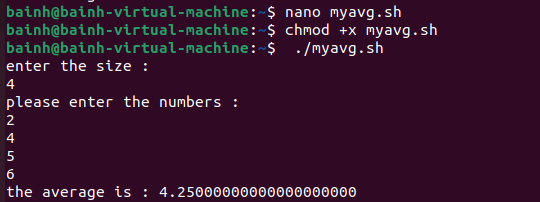




10.Write a script called myavg that calculate average of all numbers entered by a user

Note: use arrays





**11-Write a function called Mysq that calculate square if it's an argument.**

